

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1 – 18. (cancelled)

19. (Presently amended) A method of treatment comprising:

orally administering a milk composition to a subject in a sufficient amount to reduce airway inflammation and hyperactivity to an allergen that comprises SEQ ID NO:1 in the subject, wherein the milk composition comprises a *Dermatophagoides pteronyssinus* Derp5 allergen that comprises SEQ ID NO:1 and is obtained from a transgenic animal that expresses Derp5 in mammary tissue, and the allergen is a Der p 5, Der p 1, or Der p 2.

20. (Presently amended) A method of decreasing the production of IgE in a subject exposed to an allergen, the method comprising

orally administering to a subject a milk composition comprising a heterologous, non-milk Derp5 allergen that comprises SEQ ID NO:1, wherein the milk composition is obtained from a transgenic animal that expresses Derp5 in mammary tissue, and the allergen is present in a sufficient quantity to induce in the subject tolerance to Derp5 the allergen, the tolerance including suppression of allergen-specific IgE production in the subject upon subsequent exposure to Derp5 the allergen.

21 - 43 (cancelled)

44. (New) A method of decreasing the production of IgE in a subject exposed to an allergen, the method comprising

providing a female mammal that comprises a transgene that comprises a nucleic acid sequence that encodes the amino acid sequence of SEQ ID NO:1 operably linked to a mammary specific promoter;

collecting milk from the female mammal; and

orally administering the milk to a subject, wherein the milk contains a sufficient amount of Derp5 allergen to induce in the subject tolerance to Derp5 the allergen, the tolerance including suppression of allergen-specific IgE production in the subject upon subsequent exposure to Derp5 the allergen.

45. (New) The method of claim 44 wherein the amino acid is operably linked to a milk-specific signal sequence.